

ITSS (MATMEP)

DUTY AREA
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

A. ADMINISTRATION

1. Prepare Maintenance Action Forms.
2. Prepare Quarterly Planned Maintenance System Schedule.
3. Prepare documentation for requisitioning/turn-on of replacement part/equipment.
4. Coordinate the activities of the meteorological mobile facility.

B. MAINTAINING METEOROLOGICAL EQUIPMENT

1. Maintain Meteorological RADAR Subsystem.
2. Maintain Meteorological Satellite Receiving Subsystem.
3. Maintain the Processing Subsystem.
4. Maintain the Local Sensor Subsystem.
5. Maintain the Remote Sensor Subsystem.
6. Maintain the Rawinsonde Equipment Subsystem.
7. Maintain the Video Subsystem.
8. Maintain the Communications Subsystem.
9. Maintain the Portable Meteorological Subsystem.
10. Maintain the Shelter Subsystem.
11. Perform Scheduled Maintenance of all Meteorological Equipment.
12. Comply with all safety, security, and Tempest requirements when maintaining Meteorological Equipment.
13. Perform corrosion control on a Meteorological Mobile Facility.

C. OPTIMIZING THE METEOROLOGICAL SOFTWARE

1. Optimize the Meteorological Software including operating systems and application programs.
2. Optimize the dissemination of weather information.
3. Utilize Windows NT, Windows 95, DOS, HP-UNIX, Digital UNIX, and Solaris Operating Systems.
4. Load and initialize Meteorological software applications.
5. Rebuild Operating System Kernels.
6. Use shells to interact with the Operating System.
7. Restore file systems.
8. Optimize Memory Allocations.
9. Set up accounts, information security, and file management.
10. Establish file access permissions.
11. Restore file systems.
12. Prepare disks/tapes (mirror file) of system software at time of failure.
13. Establish and maintain transmission control protocol/internet protocol connections.
14. Establish and maintain clients and servers.
15. Map devices and configure software.
16. Utilize SCSI's, CD-ROM, DAT Tape Drives, Floppy, removable disk drives in network operations.

D. COMBAT/FIELD SKILLS

1. Deploy and prepare meteorological equipment for operation.
2. Establish and maintain functional and physical interfaces between all meteorological equipment, including COMSEC equipment.
3. Dismantle and stow deployed meteorological equipment.
4. Operate 30 and 60kw generator.

DA MOS 6493 (Continued)

SKILL PROGRESSION LEVEL DEFINITIONS

LEVEL I: An asterisk in Level I indicates the task is taught at the "MOS producing" School.

LEVEL II: An asterisk in Level II indicates the task should be exposed to the Marine before receiving a hard skill MOS. A sign-off in level II indicates the task was exposed to the individual for the first time. All other occurrences aft.

LEVEL III: An asterisk in Level III indicates the task is considered training essential. A sign-off in Level III indicates the Marine can perform that task w/o direct supervision. The unit is responsible for these sign-offs.

LEVEL IV: Used by the unit to indicate an individual is advanced in technical and supervisory functions. Prior to sign-off, all training essential and training optional tasks in Level III must have been signed-off. Only one sign-off for the Duty Area is required.

Sign-off blanks: (MO/YR) / (INDIVIDUAL'S INITIALS) / (SUPERVISOR'S INITIALS)

Note: Refer to MCO P4790.12_ for further clarification.

ITSS (MATMEP)

INDIVIDUAL QUALIFICATIONS SUMMARY
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

NAME / SSN _____ Granted MOS 6493 _____ / _____ Level II Completed _____ / _____
 _____ / _____
 Level III Completed _____ / _____
 _____ / _____
 Level IV Completed _____ / _____

DUTY	DESCRIPTION	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A.	ADMINISTRATION				
A.1	Maintenance Action Forms	/* /		/* /	
A.2	Quarterly Planned Maintenance System Schedule		/* /	/* /	
A.3	Requisitioning/turn-on of replacement part/equipment	/* /		/* /	
A.4	Coordinate the activities of the meteorological mobile facility	/* /		/* /	
B.	MAINTAINING METEOROLOGICAL EQUIPMENT				
B.1	Meteorological RADAR Subsystem	/* /		/* /	
B.2	Meteorological Satellite Receiving Subsystem	/* /		/* /	
B.3	Processing Subsystem	/* /		/* /	
B.4	Local Sensor Subsystem	/* /		/* /	
B.5	Remote Sensor Subsystem	/* /		/* /	
B.6	Rawinsonde Equipment Subsystem	/* /		/* /	
B.7	Video Subsystem	/* /		/* /	
B.8	Communications Subsystem	/* /		/* /	
B.9	Portable Meteorological Subsystem	/* /		/* /	
B.10	Shelter Subsystem	/* /		/* /	
B.11	Perform Scheduled Maintenance		/* /	/* /	
B.12	Comply with all safety, security, and Tempest requirements		/* /	/* /	
B.13	Perform corrosion control		/* /	/* /	

ITSS (MATMEP)

INDIVIDUAL QUALIFICATIONS SUMMARY
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

DUTY	DESCRIPTION	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C.	OPTIMIZING THE METEOROLOGICAL SOFTWARE				
C.1	Optimize the Meteorological Software	/* /		/* /	
C.2	Optimize the dissemination of weather information	/* /		/* /	
C.3	Utilize Operating Systems	/* /		/* /	
C.4	Load and initialize Meteorological software applications	/* /		/* /	
C.5	Rebuild Operating System Kernels			/* /	
C.6	Use shells	/* /		/* /	
C.7	Restore file systems	/* /		/* /	
C.8	Optimize Memory Allocations		/* /	/* /	
C.9	Set up accounts, information security, and file management	/* /		/* /	
C.10	Establish file access permissions	/* /		/* /	
C.11	Restore file systems	/* /		/* /	
C.12	Prepare disks/tapes (mirror file) of system software	/* /		/* /	
C.13	Establish and maintain transmission control protocol/internet protocol connections	/* /		/* /	
C.14	Establish and maintain clients and servers	/* /		/* /	
C.15	Map devices and configure software	/* /		/* /	
C.16	Utilize SCSI's, CD-ROM, DAT Tape Drives, Floppy, removable disk drives in network operations	/* /		/* /	
D.	COMBAT/FIELD SKILLS				
D.1	Deploy and prepare meteorological equipment for operation		/* /	/* /	
D.2	Establish and maintain functional and physical interfaces		/* /	/* /	
D.3	Dismantle and stow deployed meteorological equipment		/* /	/* /	
D.4	Operate 30 and 60kw generator	/* /		/* /	

DATE: May 2003

INDIVIDUAL QUALIFICATION RECORD
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

A. ADMINISTRATION

A.1 Prepare Maintenance Action Forms.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Obtain copy of OPNAV/60 (VIDS/MAF)	OPNAV 4790.2E	/* /		/* /	
A-2	Fill in required data	OPNAV 4790.2E	/* /		/* /	
A-3	Process OPNAV 4790/60 per instructions	OPNAV 4790.2E	/* /		/* /	

A.2 Prepare Quarterly Planned Maintenance System Schedule.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Review system MIP for applicable tasks	Maint. SOP		/* /	/* /	
A-2	Review locally developed MRC's	Maint. SOP		/* /	/* /	
A-3	Develop, by calendar date, schedule and responsibility chart, for next quarter	Maint. SOP		/* /	/* /	

A.3 Prepare documentation for requisitioning/turn-on of replacement part/equipment.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Obtain copy of OPNAV/60 (VIDS/MAF)	OPNAV 4790.2E	/* /		/* /	
A-2	Fill in required data	OPNAV 4790.2E	/* /		/* /	
A-3	Process OPNAV 4790/60 per instructions	OPNAV 4790.2E	/* /		/* /	

A.4 Coordinate the activities of the meteorological mobile facility.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Monitor pre-deployment pack up	SPAWARPub QL23	/* /		/* /	
A-2	Monitor consumables	USMC METMF	/* /		/* /	
A-3	Monitor security procedures	SYSTEM TECH MAN	/* /		/* /	
A-4	Monitor preventative maintenance program	" "	/* /		/* /	
A-5	Monitor utilization of equipment	" "	/* /		/* /	
A-6	Maintain safe operations of the METMF	" "	/* /		/* /	
A-7	Monitor setup procedures	" "	/* /		/* /	
A-8	Monitor resupply channels	" "	/* /		/* /	
A-9	Coordinate heavy equipment support	" "	/* /		/* /	
A-10	Monitor daily logistics/communications support	" "	/* /		/* /	

INDIVIDUAL QUALIFICATION RECORD
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

B. MAINTAINING METEOROLOGICAL EQUIPMENT

B.1 Maintain Meteorological RADAR Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of RADAR subsystem	Applicable TM	/ * /		/ * /	
A-2	Observe BIT/Fault indicators	Applicable TM	/ * /		/ * /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/ * /		/ * /	
A-4	Troubleshoot to failed component	Applicable TM	/ * /		/ * /	
A-5	Remove and replace failed component	Applicable TM	/ * /		/ * /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM			/ * /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/ * /		/ * /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/ * /		/ * /	
A-9	Return system to readiness condition	Applicable TM	/ * /		/ * /	

B.2 Maintain Meteorological Satellite Receiving Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Satellite subsystem	Applicable TM	/ * /		/ * /	
A-2	Observe BIT/Fault indicators	Applicable TM	/ * /		/ * /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/ * /		/ * /	
A-4	Troubleshoot to failed component	Applicable TM	/ * /		/ * /	
A-5	Remove and replace failed component	Applicable TM	/ * /		/ * /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM			/ * /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/ * /		/ * /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/ * /		/ * /	
A-9	Return system to readiness condition	Applicable TM	/ * /		/ * /	

B.3 Maintain Processing Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Processing subsystem	Applicable TM	/ * /		/ * /	
A-2	Observe BIT/Fault indicators	Applicable TM	/ * /		/ * /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/ * /		/ * /	
A-4	Troubleshoot to failed component	Applicable TM	/ * /		/ * /	
A-5	Remove and replace failed component	Applicable TM	/ * /		/ * /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM			/ * /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/ * /		/ * /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/ * /		/ * /	
A-9	Return system to readiness condition	Applicable TM	/ * /		/ * /	

B.4 Maintain Local Sensor Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Local Sensor subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.5 Maintain Remote Sensor Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Remote Sensor subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.6 Maintain Rawinsonde Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Rawinsonde subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.7 Maintain Video Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Video subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.8 Maintain Communications Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Communications subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.9 Maintain Portable Meteorological Subsystem.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Portable Meteorological subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.10 Maintain **Shelter Subsystem**.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Perform Op check of Shelter subsystem	Applicable TM	/* /		/* /	
A-2	Observe BIT/Fault indicators	Applicable TM	/* /		/* /	
A-3	Use schematics, GPTE, and logic diagrams	Applicable TM	/* /		/* /	
A-4	Troubleshoot to failed component	Applicable TM	/* /		/* /	
A-5	Remove and replace failed component	Applicable TM	/* /		/* /	
A-6	Conduct Op check to ensure corrective action is complete	Applicable TM	/* /		/* /	
A-7	Prepare 3M documentation	OPNAV 4790.2E	/* /		/* /	
A-8	Prepare failed component(s) for turn-in	Applicable TM	/* /		/* /	
A-9	Return system to readiness condition	Applicable TM	/* /		/* /	

B.11 **Perform Scheduled Maintenance** of all Meteorological Equipment.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Review Scheduled Maintenance Chart Task	OPNAV 4790/84		/* /	/* /	
A-2	Review Maintenance Index Page	OPNAV 4790/84		/* /	/* /	
A-3	Obtain and comply with applicable MRC's	OPNAV 4790/84		/* /	/* /	
A-4	Return system to readiness condition	OPNAV 4790/84		/* /	/* /	

B.12 **Comply with all safety, security, and Tempest requirements** when maintaining Meteorological Equipment.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Review applicable requirements	NAVAIR 19-25-158		/* /	/* /	
A-2	Comply with applicable requirements	NAVAIR 19-25-158		/* /	/* /	
A-3	Report any observed violations	NAVAIR 19-25-158		/* /	/* /	

B.13 **Perform corrosion control** on a Meteorological Mobile Facility.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Review corrosion control plan	MSDS		/* /	/* /	
A-2	Inspect METMF for areas of corrosion	NAVAIR 16-1-540		/* /	/* /	
A-3	Remove corrosion	NAVAIR 19-25-158		/* /	/* /	
A-4	Apply primer or required corrosion resistant material	" "		/* /	/* /	
A-5	Paint as per applicable directives	" "		/* /	/* /	

INDIVIDUAL QUALIFICATION RECORD
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

C. OPTIMIZING THE METEOROLOGICAL SOFTWARE

C.1 Optimize the Meteorological Software including operating systems and application programs.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Conduct system start-up/shutdown	Applicable TM	/* /		/* /	
A-2	Login to the workstation	Applicable TM	/* /		/* /	
A-3	Change password	Applicable TM	/* /		/* /	
A-4	Invoke online manual pages	Applicable TM	/* /		/* /	
A-5	Edit a file using an editor	Applicable TM	/* /		/* /	
A-6	Print a file	Applicable TM	/* /		/* /	
A-7	Invoke input/output redirection	Applicable TM	/* /		/* /	
A-8	Change file permissions	Applicable TM	/* /		/* /	
A-9	Use operating system file utilities	Applicable TM	/* /		/* /	
A-10	Use operating system communications utilities	Applicable TM	/* /		/* /	
A-11	Use diagnostic utilities	Applicable TM	/* /		/* /	

C.2 Optimize the dissemination of weather information.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Monitor the system utilizing available network analyzers and software	Essential System Administrator	/* /		/* /	
A-2	Update system documentation/diagrams	Essential System Administrator	/* /		/* /	

C.3 Utilize Windows NT, Windows 95, DOS, HP-UNIX, Digital UNIX, and Solaris Operating Systems.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Conduct system start-up/shutdown	Applicable TM	/* /		/* /	
A-2	Login to the workstation	Applicable TM	/* /		/* /	
A-3	Change password	Applicable TM	/* /		/* /	
A-4	Invoke online manual pages	Applicable TM	/* /		/* /	
A-5	Edit a file using an editor	Applicable TM	/* /		/* /	
A-6	Print a file	Applicable TM	/* /		/* /	
A-7	Invoke input/output redirection	Applicable TM	/* /		/* /	
A-8	Change file permissions	Applicable TM	/* /		/* /	
A-9	Use operating system file utilities	Applicable TM	/* /		/* /	
A-10	Use operating system communications utilities	Applicable TM	/* /		/* /	
A-11	Use diagnostic utilities	Applicable TM	/* /		/* /	

C.4 Load and initialize Meteorological software applications.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Install application software	Applicable TM	/* /	/* /	/* /	
A-2	Configure software	Applicable TM	/* /	/* /	/* /	
A-3	Configure system resources for new application software	Applicable TM	/* /	/* /	/* /	

C.5 Rebuild Operating System Kernels.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV

C.6 Use shells to interact with the Operating System.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV

C.7 Restore file systems.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Backup file(s), directories and file systems with system specific utilities	Essential System Administration	/* /	/* /	/* /	
A-2	Backup file(s), directories and file systems without specific utilities	Essential System Administration	/* /	/* /	/* /	
A-3	Restore file(s), directories, and file systems with system specific utilities	Essential System Administration	/* /	/* /	/* /	
A-4	Restore file(s), directories, and file systems without specific utilities.	Essential System Administration	/* /	/* /	/* /	

C.8 Optimize Memory Allocations.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV

C.9 Set up accounts, information security, and file management.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Create, modify, delete appropriate files for user accounts	Essential System Administration	/* /	/* /	/* /	
A-2	Verify sufficient disk space exists for users	Essential System Administration	/* /	/* /	/* /	
A-3	Create/remove a home directory for user	Essential System Administration	/* /	/* /	/* /	
A-4	Change file permissions to enable/disable user files	Essential System Administration	/* /	/* /	/* /	
A-5	Configure user environment variables	Essential System Administration	/* /	/* /	/* /	

C.10 Establish file access permissions.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Determine the type of operation system	Essential System Administration	/* /	/* /	/* /	
A-2	Format data storage media	Essential System Administration	/* /	/* /	/* /	
A-3	Partition data storage media	Essential System Administration	/* /	/* /	/* /	
A-4	Create file systems	Essential System Administration	/* /	/* /	/* /	
A-5	Modify file systems	Essential System Administration	/* /	/* /	/* /	
A-6	Mount/unmount file systems	Essential System Administration	/* /	/* /	/* /	
A-7	Share file systems	Essential System Administration	/* /	/* /	/* /	

C.11 Restore file systems.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Backup file(s), directories and file systems with system specific utilities	Essential System Administration	/* /	/* /	/* /	
A-2	Backup file(s), directories and file systems without specific utilities	Essential System Administration	/* /	/* /	/* /	
A-3	Restore file(s), directories, and file systems with system specific utilities	Essential System Administration	/* /	/* /	/* /	
A-4	Restore file(s), directories, and file systems without specific utilities.	Essential System Administration	/* /	/* /	/* /	

C.12 Prepare disks/tapes (mirror file) of system software at time of failure.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Determine the type of operation system	Essential System Administration	/* /	/* /	/* /	
A-2	Format data storage media	Essential System Administration	/* /	/* /	/* /	
A-3	Partition data storage media	Essential System Administration	/* /	/* /	/* /	
A-4	Create file systems	Essential System Administration	/* /	/* /	/* /	
A-5	Modify file systems	Essential System Administration	/* /	/* /	/* /	
A-6	Mount/unmount file systems	Essential System Administration	/* /	/* /	/* /	
A-7	Share file systems	Essential System Administration	/* /	/* /	/* /	

C.13 Establish and maintain transmission control protocol/internet protocol connections.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Interpret an IP network diagram	Applicable TM	/* /	/* /	/* /	
A-2	Install/configure IP software on hosts & networks	Applicable TM	/* /	/* /	/* /	

C.14 Establish and maintain clients and servers.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Define the Network File System (NFS) terms	Applicable TM	/* /	/* /	/* /	
A-2	Export file hierarchies with NFS	Applicable TM	/* /	/* /	/* /	
A-3	Mount file hierarchies with NFS	Applicable TM	/* /	/* /	/* /	
A-4	Define Network Information Service (NIS) terms	Applicable TM	/* /	/* /	/* /	
A-5	Configure an NIS domain	Applicable TM	/* /	/* /	/* /	
A-6	Monitor the network utilizing available network analyzers and software	Applicable TM	/* /	/* /	/* /	
A-7	Update network documentation/diagrams	Applicable TM	/* /	/* /	/* /	

C.15 Map devices and configure software.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Determine the type of operation system	Essential System Administration	/* /	/* /	/* /	
A-2	Format data storage media	Essential System Administration	/* /	/* /	/* /	
A-3	Partition data storage media	Essential System Administration	/* /	/* /	/* /	
A-4	Create file systems	Essential System Administration	/* /	/* /	/* /	
A-5	Modify file systems	Essential System Administration	/* /	/* /	/* /	
A-6	Mount/unmount file systems	Essential System Administration	/* /	/* /	/* /	
A-7	Share file systems	Essential System Administration	/* /	/* /	/* /	

C.16 Utilize SCSI's, CD-ROM, DAT Tape Drives, Floppy, removable disk drives in network operations.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Determine the type of operation system	Essential System Administration	/* /	/* /	/* /	
A-2	Format data storage media	Essential System Administration	/* /	/* /	/* /	
A-3	Partition data storage media	Essential System Administration	/* /	/* /	/* /	
A-4	Create file systems	Essential System Administration	/* /	/* /	/* /	
A-5	Modify file systems	Essential System Administration	/* /	/* /	/* /	
A-6	Mount/unmount file systems	Essential System Administration	/* /	/* /	/* /	
A-7	Share file systems	Essential System Administration	/* /	/* /	/* /	

INDIVIDUAL QUALIFICATION RECORD
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

D. COMBAT/FIELD SKILLS

D.1 Deploy and prepare meteorological equipment for operation.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Review Operations Order	Local OpOrder		/ * /	/ * /	
A-2	Unpack and install peripheral equipment	System Techman		/ * /	/ * /	
A-3	Position and activate remote sensor suites	System Techman		/ * /	/ * /	
A-4	Connect power source to shelter	System Techman		/ * /	/ * /	
A-5	Camouflage as required	System Techman		/ * /	/ * /	
A-6	Review and authenticate deployment checklist	Local OpOrder		/ * /	/ * /	

D.2 Establish and maintain functional and physical interfaces between all meteorological equipment, including COMSEC equipment.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Connect cabling to peripheral equipment	System Techman		/ * /	/ * /	
A-2	Install cryptographic equipment as required	System Techman		/ * /	/ * /	
A-3	Apply electrical power	System Techman		/ * /	/ * /	
A-4	Conduct pre-operational check	System Techman		/ * /	/ * /	
A-5	Key COMSEC equipment	System Techman		/ * /	/ * /	
A-6	Perform functional check of all subsystems	System Techman		/ * /	/ * /	

D.3 Dismantle and stow deployed meteorological equipment.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Power down system and disconnect power	Post Op checklist		/ * /	/ * /	
A-2	Dismantle/disconnect all deployed meteorological equipment	Post Op checklist		/ * /	/ * /	
A-3	Stow and secure all equipment	Post Op checklist		/ * /	/ * /	
A-4	Secure METMF and prepare for transportation	Post Op checklist		/ * /	/ * /	

D.4 Operate 30 and 60kw generator.

TASK	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Conduct pre-operational check	Equipment Operators Manual	/ * /		/ * /	
A-2	Operate generator	Equipment Operators Manual	/ * /		/ * /	
A-3	Conduct post-operational check	Equipment Operators Manual	/ * /		/ * /	

ITSS (MATMEP)

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

FORMAL SCHOOLS

UNIT EXPERIENCE DATA

COMMENTS:

ITSS (MATMEP)

APPENDIX C

WORK CENTER SUMMARY
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN (MOS 6493)

WORK CENTER NAME/NUMBER _____

NAME / MOS	Level	A.1	A.2	A.3	A.4	B.1	B.2	B.3	B.4	B.5	B.6	B.7	B.8	B.9	B.10
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APPENDIX C

Level	B.11	B.12	B.13	C.1	C.2	C.3	C.4	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12	C.13	C.14	C.15	C.16	D.1
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NAME/SSN: _____

RANK: _____

MOS: _____

DATE: May 2003

ITSS (MATMEP)

APPENDIX C

Level	D.2	D.3	D.4
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NAME/SSN: _____

RANK: _____

MOS: _____

DATE: May 2003